

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
MEMORANDUM**

**DATE:** 3 November 2010

**TO:** Bureau of Land File

**FROM:** Michelle Cozadd, BOL/FOS Collinsville Region

**SUBJECT:** LPC #1198010003 – Madison County  
Hartford/Chemetco  
FOS File

On October 28, 2010, a site visit was conducted at Chemetco, Inc. I met with Jorge Garcia, ES&H Manager for the Estate of Chemetco and Mr. Michael Murray, Supervisor for AIS.

**Foundry Building**

Piles of pot slag were removed from the area on the west side of the Foundry Building as shown in the attached photo #001. The piles were consolidated inside the building with additional pot slag piles for shipment off-site to Arubis Corporation in Belgium (see attached photos #002 & #003). The pot slag was in the process of being loaded into containers at the time of this site visit. Mr. Garcia explained that 10 containers have already been filled with pot slag. Each container holds approximately 43,000 pounds. Mr. Garcia explained that the 60 drums of metal fines inside the Foundry Building will be combined with the pot slag piles for shipment to Arubis.

**Receiving Building**

The super sacs staged inside the receiving building are shown in the attached photo #004. Mr. Garcia explained that the Estate is in the process of trying to sell this material. The 13 waste drums near the Receiving Building have been removed and are in the process of being lab packed for shipment off-site along with the Tank House waste streams. The area near the Receiving Building where the drums were located previously is illustrated in the attached photos #005 and #006.

**Dome Building**

Piles of scrap metal are shown in the attached photos #007, #008, and #009. In addition, a scrap metal pile near the AAF area that will be relocated to the Dome Building is illustrated in the attached photo #018. A wet decontamination procedure using sand hydroblasting is being evaluated for use on the scrap metal.

**Fines Building**

The screened material in the Fines Building is shown in the attached photos #010 through #012. A small amount of debris was observed in the piles of screened material as illustrated in the attached photos #013 and #014. Mr. Murray agreed to have his workers remove the debris by the end of the day. I recommended that the piles in the Fines Building be inspected daily for debris that may accidentally be placed in the piles.

The waste pile of broken concrete, damaged dimensional lumber, and other miscellaneous wastes is shown in the attached photo #015. This waste pile will be manifested off-site as hazardous waste.

The tarp has been installed on opening to the Fines Building (see attached photo #016). The tarp was propped open with a ladder. I recommended that the tarp be closed at the end of each day.

LPC #1198010003 – Madison County  
Hartford/Chemetco  
FOS File

**Tank House**

The attached photo #017 shows the crew lab packing the waste streams inside the Tank House at the time of this site visit.

**AAF Decontamination Area**

AIS is continuing demolition in the AAF area (see attached photos #019 and #020).

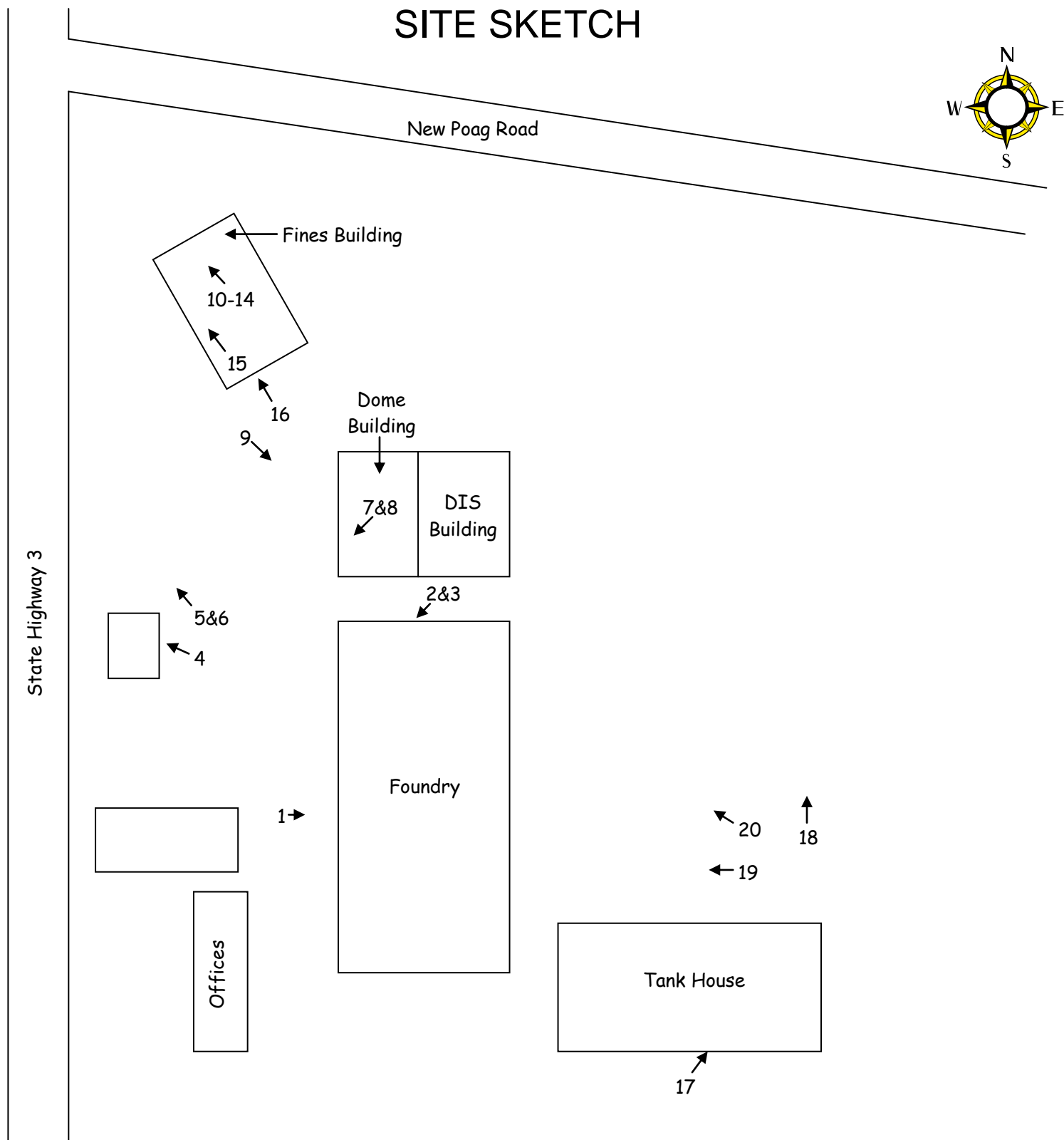
**Administration Building**

US EPA staff conducted wipe sampling a few weeks ago. Wipe samples of dusty areas inside the Administration Building, Maintenance Shop, and Scale House were collected for laboratory analysis. Mr. Garcia provided the attached wipe samples results during the October 28, 2010 site visit. In an October 19, 2010 conference call, Ms. Michelle Kerr of US EPA explained that the elevated lead levels were detected and staff should be mindful of housekeeping especially in break areas of the buildings.

cc: Regional File  
cc: Erin Rednour  
cc: Michelle Kerr – US EPA



## SITE SKETCH



October 28, 2010 Inspection  
Direction of Photo →  
Photo Locations Approximate  
Not to Scale



## DIGITAL PHOTOGRAPHS



**Date:** 28 October 2010  
**Time:** 1:39 pm  
**Direction:** E  
**Photo by:** M. Cozadd  
**Exposure #:** 001  
**Comments:** Piles of pot slag removed from the area in front of the Foundry Building.



**Date:** 28 October 2010  
**Time:** 1:40 pm  
**Direction:** SW  
**Photo by:** M. Cozadd  
**Exposure #:** 002  
**Comments:** Piles of pot slag being loaded from inside Foundry Building for sale to Arubis Corporation.

**File Names:** 1198010003~10282010-[Exp. #].jpg



## DIGITAL PHOTOGRAPHS



**Date:** 28 October 2010  
**Time:** 1:41 pm  
**Direction:** SW  
**Photo by:** M. Cozadd  
**Exposure #:** 003  
**Comments:** Piles of pot slag being loaded from inside Foundry Building for sale to Arubis Corporation.



**Date:** 28 October 2010  
**Time:** 1:44 pm  
**Direction:** NW  
**Photo by:** M. Cozadd  
**Exposure #:** 004  
**Comments:** Super sacs inside Receiving Building.

**File Names:** 1198010003~10282010-[Exp. #].jpg





## DIGITAL PHOTOGRAPHS



**Date:** 28 October 2010  
**Time:** 1:45 pm  
**Direction:** NW  
**Photo by:** M. Cozadd  
**Exposure #:** 005  
**Comments:** Waste drums removed from area near Receiving Building.



**Date:** 28 October 2010  
**Time:** 1:45 pm  
**Direction:** NW  
**Photo by:** M. Cozadd  
**Exposure #:** 006  
**Comments:** Waste drums removed from area near Receiving Building.

**File Names:** 1198010003~10282010-[Exp. #].jpg



## DIGITAL PHOTOGRAPHS



**Date:** 28 October 2010  
**Time:** 1:49 pm  
**Direction:** SW  
**Photo by:** M. Cozadd  
**Exposure #:** 007  
**Comments:** Scrap metal staged inside Dome Building for decontamination.



**Date:** 28 October 2010  
**Time:** 1:49 pm  
**Direction:** SW  
**Photo by:** M. Cozadd  
**Exposure #:** 008  
**Comments:** Scrap metal staged inside Dome Building for decontamination.

**File Names:** 1198010003~10282010-[Exp. #].jpg





## DIGITAL PHOTOGRAPHS



**Date:** 28 October 2010  
**Time:** 1:52 pm  
**Direction:** SE  
**Photo by:** M. Cozadd  
**Exposure #:** 009  
**Comments:** Scrap metal staged just outside Dome Building for decontamination.



**Date:** 28 October 2010  
**Time:** 1:57 pm  
**Direction:** NW  
**Photo by:** M. Cozadd  
**Exposure #:** 010  
**Comments:** Screened material in Fines Building.

**File Names:** 1198010003~10282010-[Exp. #].jpg





## DIGITAL PHOTOGRAPHS



**Date:** 28 October 2010  
**Time:** 1:57 pm  
**Direction:** NW  
**Photo by:** M. Cozadd  
**Exposure #:** 011  
**Comments:** Screened material in Fines Building.

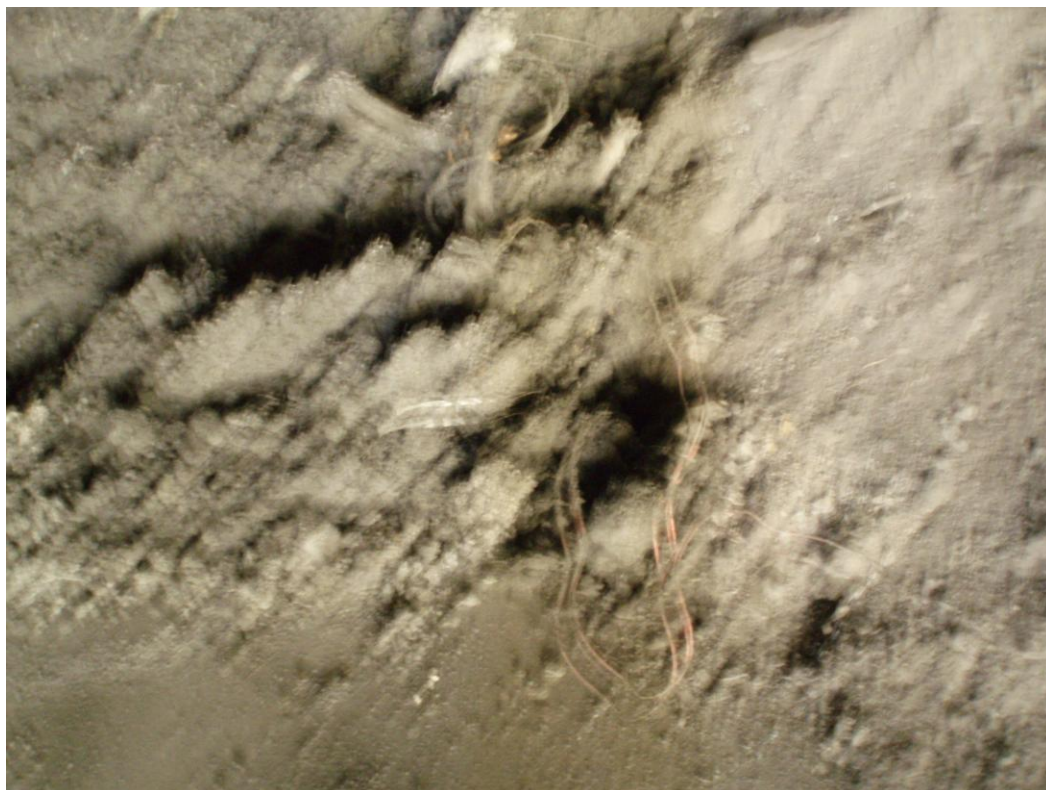


**Date:** 28 October 2010  
**Time:** 1:57 pm  
**Direction:** NW  
**Photo by:** M. Cozadd  
**Exposure #:** 012  
**Comments:** Screened material in Fines Building.

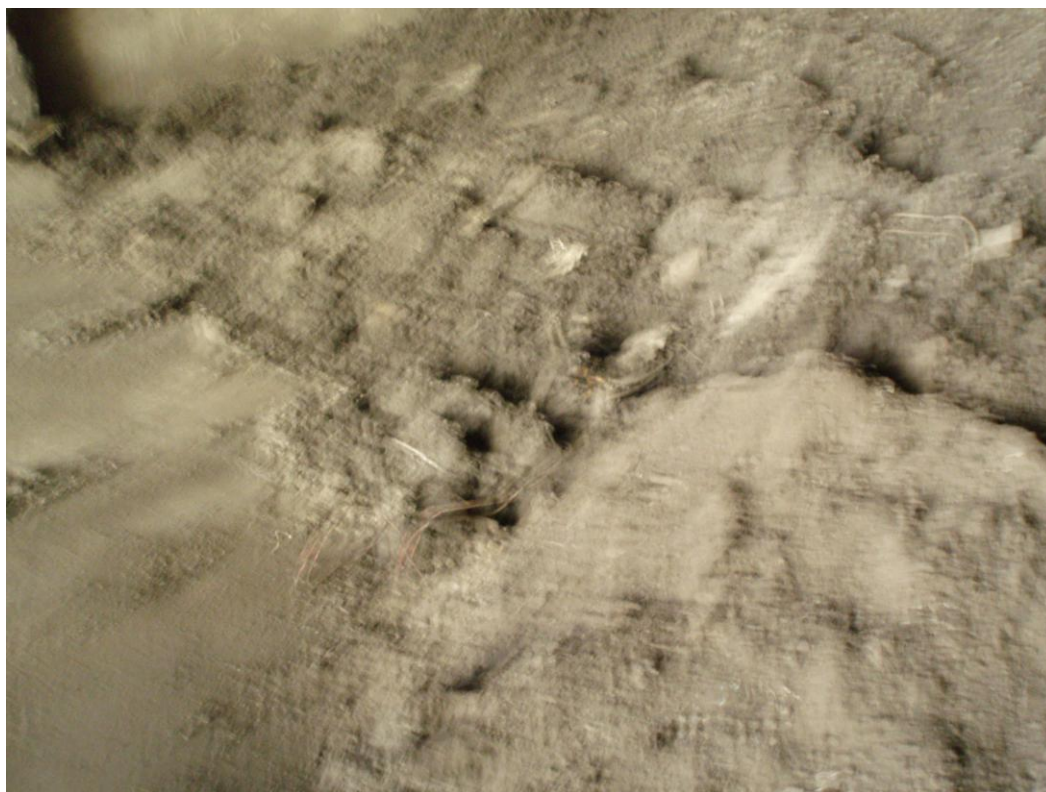
**File Names:** 1198010003~10282010-[Exp. #].jpg



## DIGITAL PHOTOGRAPHS



**Date:** 28 October 2010  
**Time:** 1:57 pm  
**Direction:** NW  
**Photo by:** M. Cozadd  
**Exposure #:** 013  
**Comments:** Small amount of debris in Fines Building.



**Date:** 28 October 2010  
**Time:** 1:57 pm  
**Direction:** NW  
**Photo by:** M. Cozadd  
**Exposure #:** 014  
**Comments:** Small amount of debris in Fines Building.

**File Names:** 1198010003~10282010-[Exp. #].jpg





## DIGITAL PHOTOGRAPHS



**Date:** 28 October 2010  
**Time:** 1:58 pm  
**Direction:** NW  
**Photo by:** M. Cozadd  
**Exposure #:** 015  
**Comments:** Segregated broken concrete, damaged dimensional lumber, and other miscellaneous wastes from screening operations in Fines Building.



**Date:** 28 October 2010  
**Time:** 1:59 pm  
**Direction:** NW  
**Photo by:** M. Cozadd  
**Exposure #:** 016  
**Comments:** Tarp at entrance to Fines Building.

**File Names:** 1198010003~10282010-[Exp. #].jpg





## DIGITAL PHOTOGRAPHS



**Date:** 28 October 2010  
**Time:** 2:07 pm  
**Direction:** NE  
**Photo by:** M. Cozadd  
**Exposure #:** 017  
**Comments:** Lab packing & consolidation of waste materials in Tank House for shipment off-site.



**Date:** 28 October 2010  
**Time:** 2:12 pm  
**Direction:** N  
**Photo by:** M. Cozadd  
**Exposure #:** 018  
**Comments:** Scrap metal near AAF area to be moved to Dome Building for decontamination.

**File Names:** 1198010003~10282010-[Exp. #].jpg





## DIGITAL PHOTOGRAPHS



**Date:** 28 October 2010  
**Time:** 2:12 pm  
**Direction:** W  
**Photo by:** M. Cozadd  
**Exposure #:** 019  
**Comments:** Demolition phase of AAF area.



**Date:** 28 October 2010  
**Time:** 2:12 pm  
**Direction:** NW  
**Photo by:** M. Cozadd  
**Exposure #:** 020  
**Comments:** Demolition phase of AAF area.

**File Names:** 1198010003~10282010-[Exp. #].jpg